

FORM MUST BE TYPED

ORIGINAL ***** TIGHT HOLE *****

SIDE ONE

CONFIDENTIAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 3871

Name: Hugoton Energy Corporation

Address: 229 E. William, Suite 500

City/State/Zip: Wichita, KS 67202

Purchaser: KOCH

Operator Contact Person: Jimmy W. Gowens

Phone: (316) 262-1522

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Karl Osterbuhr

Designate Type of Completion
[X] New Well [] Re-Entry [] Workover

[X] Oil [] SWD [] SIOW [] Temp. Abd.
[] Gas [] ENHR [] SIGW
[] Dry [] Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator: RELEASED

Well Name:

Comp. Date: Old Total Depth: MAY 6 1996

Deepening [] Re-perf. [] Conv. to Inj/SWD
Plug Back [] PBTB []
Commingled [] Docket No. []
Dual Completion [] Docket No. []
Other (SWD or Inj?) [] Docket No. []

01/29/94 02/12/94 03/05/94
Spud Date Date Reached TD Completion Date

API NO. 15- 129-21257-0000

County: MORTON

- NE - SE - NW Sec. 4 Twp. 33S Rge. 43W X W

1650 FNL Feet from S/N (circle one) Line of Section

2310 FWL Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW, or SW (circle one)

Lease Name VOILES Well # 1-4

Field Name MUSTANG WEST

Producing Formation Morrow

Elevation: Ground 3619' KB 3627'

Total Depth 5075' PBTB

Amount of Surface Pipe Set and Cemented at 1379' Feet.

Multiple Stage Cementing Collar Used? X Yes [] No

If yes, show depth set 3100.11' Feet

If Alternate II completion, cement circulated from NA

feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALT 1 7-19-94
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 400 bbls

Dewatering method used

Location of fluid disposal if hauled offsite: KCC

Operator Name APR 6

Lease Name License No. CONFIDENTIAL

Quarter Sec. Twp. S Rng. E/W

County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106, and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

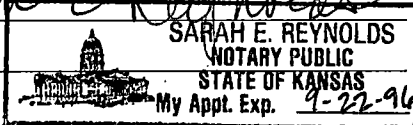
Signature Jimmy W. Gowens

Title Jimmy W. Gowens, V.P. Exploration Date

Subscribed and sworn to before me this 6 day of April 19 94.

Notary Public Sarah E. Reynolds

Date Commission Expires



K.C.C. OFFICE USE ONLY
F [X] Letter of Confidentiality Attached
C [X] Wireline Log Received
C [X] Geologist Report Received
Distribution: KCC SWD/Rep NGPA, KGS Plug Other (Specify)

RECEIVED STATE CORPORATION COMMISSION APR 07 1994 CONSERVATION DIVISION Wichita, Kansas

***** TIGHT HOLE *****

SIDE TWO

CONFIDENTIAL

Operator Name Hugoton Energy Corporation Lease Name VOILES Well # 1-4

East

County MORTON

Sec. 4 Twp. 33S Rge. 43W

West

ORIGINAL

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample.
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Top Datum Heebner 3225 +402 KC Pay 3654 -27 Morrow Sh. 4507 -880 Morrow C Sd. 4654 -1027 Morrow D Sd. 4780 -1153 Morrow F Sd. 4858 -1231 Morrow G-2 4949 -1322 Keys 4963 -1336 Chester 5004 -1277 St. Genevieve 5042 -1415
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
List All E. Logs Run: Array Induction, Comp Neutron/Comp. Photo-Density, Micro,		

CASING RECORD

New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	1379'	65/35 poz Class 'C'	450 150	6% D20 + 2% S1 + 1/4#/sk D29 3% S1 + 1/4#/sk D29
Production	7-7/8"	5-1/2"	15-1/2#	5072'	Class 'C'	150	2% Cacl2 + .6% D60 + 1/4#/ D29

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Depth	Depth
2	4965' - 4967' (2')	1 BBL 15% NE-FE Acid	4965' - 4967'
2	4655' - 4660' (5')	12 BBL 15% NE-FE Acid	

TUBING RECORD

Size 2-3/8" Set At 4700' Packer At 4620' Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 3-18-94 Producing Method Flowing Pumping Gas Lift Other

Estimated Production Per 24 Hours	Oil 80 Bbls.	Gas 25 Mcf	Water 0 Bbls.	Gas-Oil Ratio
-----------------------------------	--------------	------------	---------------	---------------

Disposition of Gas: **METHOD OF COMPLETION**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify)

RELEASED

MAY 6 1996

FROM CONFIDENTIAL

KCC

APR 6

CONFIDENTIAL

STATE CORPORATION COMMISSION

APR 07 1996

CONSERVATION DIVISION
Wichita, Kansas
4965-4967

ORIGINAL

CONFIDENTIAL

****TIGHT HOLE****

**Drill Stem Test Information for ACO-1
Hugoton Energy Corporation
Voiles #1-4
Sec. 4-33S-43W
Morton County, KS
API #15-129-21257**

RELEASED

MAY 6 1996

FROM CONFIDENTIAL

DRILL STEM TESTS

KCC

DST 1

Test Interval 4651' - 4680'

APR 6

Times

30-60-45-90

CONFIDENTIAL

First Open

Strong blow - gas to surface in 18 minutes.

Second Open

Strong blow - gas to surface

Recovery

2750' Clean Oil, Gravity 35

150' Water

Pressures

IHP 2203
IFP 779-1092
ISIP 1269
FFP 1186-1248
FSIP 1269
FHP 2203

RECEIVED
STATE CORPORATION COMMISSION
APR 07 1996
CONSERVATION DIVISION
Wichita, Kansas

CEMENTING SERVICE REPORT



DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 5891	DATE 1-31-94
STAGE SURF	DS 03-12
DISTRICT UKS	

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. Voiles 1-4	LOCATION (LEGAL) SEC 4-335-43W	RIG NAME Mike Drilling #1
FIELD-POOL Hugoton	FORMATION	WELL DATA: BIT SIZE 12 1/4, CSG/Liner Size 8 5/8
COUNTY/PARISH Morton	STATE KANSAS	TOTAL DEPTH 247
NAME Hugoton Energy	API. NO.	WELL DATA: TOTAL DEPTH 1341.72, WEIGHT 247
AND	CONFIDENTIAL	WELL DATA: ROT/CABLE, FOOTAGE 1382.40
ADDRESS	ZIP CODE	MUD TYPE, GRADE
SPECIAL INSTRUCTIONS	RELEASED	MUD DENSITY 40.68, LESS FOOTAGE SHOE JOINT(S)
	MAY 6 1996	MUD VISC. 1241.72, Disp. Capacity
	FROM CONFIDENTIAL	NOTE: Include Footage From Ground Level To Head In Disp. Capacity

IS CASING/TUBING SECURED? YES NO	LIFT PRESSURE 574 PSI	CASING WEIGHT SURFACE AREA (3.14 x R ²)	IS CASING/TUBING SECURED? YES NO	LIFT PRESSURE 574 PSI	CASING WEIGHT SURFACE AREA (3.14 x R ²)
PRESSURE LIMIT PSI	BUMP PLUG TO 890 PSI	ROTATE RPM	RECIPROCATE	FT	No. of Centralizers 3
Head & Plugs	TOOL TYPE	DEPTH	TOOL TYPE	DEPTH	
Float	DEPTH 1341.72		SHOE	DEPTH 1382.40	
SHOE	DEPTH 1382.40		SHOE	DEPTH 1382.40	

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR TIME: 15:00 DATE: 1-31-94			ARRIVE ON LOCATION TIME: 1200 DATE: 1-31-94	LEFT LOCATION TIME: 2:30 DATE: 2-1-94
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL	
0052	W/A	100	5		16	h20	8.34	PRE-JOB SAFETY MEETING	
0054		170	168	5	6	cmt	12.1	START h20 AHEAD	
0122		110	35	173	5	cmt	14.8	START LEAD CEMENT	
0130		50	85	208	3.5	h20	8.34	START TAIL CEMENT & LOWER RATE	
0145		150	150	253	3.5	h20	8.34	Shutdown deep Top Plug, start displacement	
0149		170	150	263	2	h20	8.34	PSI CHECK	
0156		250	1	273	2	h20	8.34	LOWER RATE	
0156		230		273	-	h20	8.34	PSI CHECK	
0205		700		273	1	h20	8.34	Shutdown TO Fill h20	
0215		370		283	2	h20	8.34	start pumping displacement	
0219		870		283	-	h20	8.34	PSI CHECK & INCREASE RATE	
0224		0		293		h20	8.34	Bump Plug	
								ENABLED PRESSURE OFF CHECK FLOAT	

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED						
			1	2	3	4	BBLs	DENSITY					
1.	450	2.1	5/35	4oz	+ 6oz	D20	+ 270	51	+ 1/4	SK	D29	168	12.2
2.	150	1.32	CLASS C	+ 320	51	+ 1/4	SK	D29	35			14.8	
3.													
4.													
5.													
6.													

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE 890 MAX.
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
BREAKDOWN	PSI FINAL	PSI	DISPLACEMENT VOL. 85.5 Bbls
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	MEASURED DISPLACEMENT <input type="checkbox"/> WIRELINE
PERFORATIONS	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	

ORIGINAL

KCC
APR 6
CONFIDENTIAL

RECEIVED
STATE APPROPRIATION COMMISSION
APR 0 3 1994
CONSERVATION DIVISION
Wichita, Kansas

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER

03-10-5930

DATE

2-11-94

DS-496-A PRINTED IN U.S.A.

WELL NAME AND NO. <i>Voilec 1-4</i>		LOCATION (LEGAL) <i>Sec 4-33c-434</i>		RIG NAME <i>Duke Drilling #1</i>	
FIELD-POOL		FORMATION		WELL DATA	
COUNTY/PARISH <i>Morton</i>		STATE <i>KS</i>		API. NO.	
NAME <i>Hugoton Energy Corp</i>		AND		TOTAL	
ADDRESS		ZIP CODE		MUD TYPE	
SPECIAL INSTRUCTIONS		MAY 6 1996		MUD GRADE <i>355</i>	
		ORIGINAL		MUD DENSITY <i>30</i>	
		RELEASED		MUD VISC. <i>120</i>	
				NOTE: Include Footage From Ground Level To Head In Disp. Capacity	
				Float	
				DEPTH	
				SHOE	
				DEPTH	

IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		LIFT PRESSURE <i>3312</i> PSI		CASING WEIGHT ÷ SURFACE AREA (3.14 x R ²)	
PRESSURE LIMIT PSI		BUMP PLUG TO <i>1220</i> PSI		ROTATE RPM RECIPROCATE FT No. of Centralizers <i>5</i>	
HEAD & PLUGS		TOOL		SQUEEZE JOB	
<input type="checkbox"/> Double		SIZE		TYPE	
<input checked="" type="checkbox"/> Single		WEIGHT		DEPTH	
<input type="checkbox"/> Swage		GRADE		TAIL PIPE: SIZE DEPTH	
<input type="checkbox"/> Knockoff		THREAD		TUBING VOLUME Bbls	
TOP <input type="checkbox"/> R <input type="checkbox"/> W		<input type="checkbox"/> NEW <input type="checkbox"/> USED		CASING VOL. BELOW TOOL Bbls	
BOT <input type="checkbox"/> R <input type="checkbox"/> W		DEPTH		TOTAL Bbls	
				ANNUAL VOLUME Bbls	

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION			LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE		
0001 to 2400					7:00	2-11-94	7:00	2-11-94	7:00	2-12-94		
0317		0	12		6	rw100						
0320		360	35		7	cmt	14.3					
0322		230		20	7	cmt	14.8					
0325		10										
0329		6	120		7	H10						
0332		20		20	7	H20						
0336		120		50	7							
0340		130		80	7							
0341		130		90	7							
0342		250		94	7							
0343		380		100	7							
0344		610		110	2							
0347		460		115	2							
0348		630		119	2							
0349		1220		120	2							
0350												

KCC

APR 6

CONFIDENTIAL

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	150	1.32	class C + 2% calc + .6% D60 + 1/4" D29				35.2	14.8
2.								
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE		VOLUME		DENSITY		PRESSURE		MAX.		MIN.	
<input type="checkbox"/> HESITATION SQ.		<input type="checkbox"/> RUNNING-SQ.		CIRCULATION LOST		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Cement Circulated To Surf.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
BREAKDOWN		PSI FINAL		PSI		DISPLACEMENT VOL.		120		Bbls	
Washed Thru Peris		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TO FT.		MEASURED DISPLACEMENT		<input type="checkbox"/> WIRELINE			
PERFORATIONS		TO TO		TO TO		CUSTOMER REPRESENTATIVE		DS SUPERVISOR			
						Joe Braugher		James Esqu			

RECEIVED
STATE OPERATIONS COMMISSION
APR 7 1994
CONSERVATION DIVISION
Wichita, Kansas